

**DPW Commission Meeting**  
**Wednesday, January 23, 2013**  
**7:00 p.m. – Police Station Community Room**

**7:00 PM          Approval Items:**

Board of Commissioners Minutes Approval: Commissioner Sena moved to accept the 1/2/13 minutes, seconded by Commissioner Reed, Vote: 3-0.

**7:05 PM          Open Session:**

Open for Public Discussion with the Commissioners:

Frederick Tarr, 154 Main Street, on the Long Beach seawall, the cost benefit ratio analysis would be helpful, how much is paid into the town. The height of the wall will dictate what happens. New GIS position for DPW, other projects can wait; we should be talking about water needs assessment; he thinks the water use is down. The failing Sawmill Brook pipeline is in disrepair. Deep Rock Well better used with a pump rather than a whole pump station. Protection of any water supply is critical, in favor of Steele Derrick, doesn't see the immediate need for elaborate pumping stations or dams right now, getting the new position established. There was a petition on the transfer station previously, open the metals pile to take items for personal use and then bring them back, just use them temporarily.

Barbara Jorgenson, 51 Main Street, is here regarding a permit to tie in to the sewer, \$5,100 cost for permit then another \$6,000 to \$7,000 to connect to the sewer. She has been a long paying taxpayer since 1960 and wondering if the charge could be less. There are three properties around Hodgkins Street; they have to agree to use Roto-Rooter and register at the Registry of Deeds. She questioned if everyone in town has to pay Roto-Rooter if they have a problem with their line and if everyone has to register at the Registry of Deeds.

J. Parisi stated that she wants a permit to connect to the sewer system where she would be going through 251 Main Street, the bank property. Near Sheehan Terrace, three properties are connected to the sewer through the bank; easements were granted. He continued that there is a transition manhole, with pressure lines, with grinder pumps on their property with a long run to the manhole. There are private maintenance responsibilities; this is an agreement between the parties. She and her neighbor have requested a permit to connect. Each one has a separate line to the transition manhole, all the sewage will connect; it's a lateral connection, private going into town sewer. They are all single lines, if one has a problem, they would have to call Roto-Rooter. If there is a problem between the manhole and line in the street they would have shared costs to clear the line.

Director Parisi stated that she is applying for the permit and inquiring about the costs. There are two bedrooms, the fee is \$2,200 per bedroom so \$4,400 plus a \$200 application fee, plus permit is \$500, which equals \$5,100. J. Parisi stated that everybody in town has to hire Roto-Rooter to remove a block in the line. Director Parisi said what we do for one; we'd have to do for everyone.

**7:10 PM          New Business:**

CPC Projects Requesting Support from DPW:

**Pingree Park Tennis Courts:** Donna Marshall, Recreation Director said that she had spoken with J. Parisi about the tennis courts at Pingree Park (she distributed a photo). She said that they filled the cracks and cleaned the courts up previously, and people were playing tennis again. They had submitted a project with CPC to do the tennis courts previously, then it was rejected – so now they want to do it again.

J. Parisi, stated that previously CPC funds could not be used for existing recreational facilities. D. Marshall stated they're estimating the cost to be approximately \$100,000 for a total replacement. She continued that there are two ways to proceed. One is less expensive and it's an acrylic coat over the existing courts, it comes with a 25 year warrantee on it. They're meeting with that vendor on Monday; it's one half of the price of digging up and replacing the courts. There are two tennis courts, the dimensions are approximately 108' X 130'; she stated that they're talking about a 6" layer. She has three quotes; this is still in the preliminary stages. Commissioner Sena would like to see more information on the 6" coat.

Director Parisi said if the options are reconstructing the courts or resurfacing them, perhaps the less costly solution of an acrylic coat would be the way to go for now.

Chairman Gardner stated that the CPC has more requests than funds. He continued that they generally like to fund everyone with something. He inquired if there are other sources of funds for this.

D. Marshall stated that these courts have been ignored for years; there are only have two sets of courts in town.

Chairman Gardner stated that he is in favor of supporting this application.

Commissioner Reed moved to support the recreation committee's application for rebuilding the Pigeon Cove tennis courts at Pingree Park, seconded by Commissioner Sena, Vote: 3-0.

### **7:30 PM      Ongoing Business:**

Long Beach Seawall Project Discussions: Chairman Gardner looked into the issue of potential of beach erosion and realized that we had information on the deterioration of the wall, but is not sure we have good information on the deterioration of the beach over the last 40 years or what the deterioration of the wall might be. Marshfield used it to try to predict beach erosion before they put their seawall up. Sea levels are rising, storm surge numbers are higher than they were. If the wall was reconstructed in exactly the same place; what affect might there be on the beach. J. Parisi printed the conclusion and the map and a proposal from Vine Associates on what efforts can be done for the town to go for additional funding.

Chairman Gardner stated that Cheryl Coviello, from Vine Associates, has spoken to Peter Rosen, there is no sandbar so there is no opportunity to replenish the beach. C. Coviello suggested that we speak to P. Rosen as well, as he looks at erosion issues. He stated that the town has already committed funds before determining what the erosion potential is for the lifetime of the wall. Perhaps the wall shouldn't be repaired/rebuilt or the design should be different. Chairman Gardner said given the rising sea levels, there is precious little beach there already.

Director Parisi referred to the report from 1961, he stated that they realized that the beach had seen some erosion, some storms will take some out, some will bring it back it. There could be a gradual net loss overtime. The Army Corp of Engineers said there will be some erosion, we could bring some sand in to nourish the beach, we could try to reduce the wave force, perhaps a stone jetty to control the erosion at that end.

Commissioner Sena said that the state is looking at beach nourishment, currently Winthrop is being looked at. It is being reviewed at the state level, DCR. We need to look at the 1958 wall vs. the 1931 wall as far as a safety issue. The 1958 wall could go a lot longer, the 1931 needs more immediate attention.

Director Parisi stated that the 1931 wall is pretty much at the end of its useful life. Do we want to engage Vine Associates to look at some things. We will have to request a small amount of money at town meeting (may be \$10,000) for some additional hours of Vine's time for meetings, etc. to look at this.

Chairman Gardner stated that there was \$100,000 for wall design, \$8,000 remains. He questioned taking the \$8,000 to look into the erosion issue.

Eric Hutchins, Applecart Road stated that he goes to Long Beach after every storm to see any damage. The big picture stuff needs to be looked at. Maybe raising the road will need to be looked at down the road. Rebuilding the wall, it's still susceptible to a 200 year event, where everything gets destroyed. He recommended getting the transects from 1931 and 1957, get the data converted to today, and get benchmarks, the town can run those transects, long term data collection, we don't need just one snap shot.

Commissioner Reed stated that all the work going on at Plum Island, on beach erosion would be interesting to look at. He recommended reaching out to Bruce Tarr's office to see what they're putting together.

Chairman Gardner stated that P. Rosen did not think that Long Beach was a candidate for beach replenishment. He continued that C. Coviello suggested hiring P. Rosen to look at the erosion potential at the beach. She doesn't think we should move forward on the wall until we know what's going on there. Because there's no offshore sandbar and with the current flow, if we put sand there eventually it will get washed away. We don't know how residents would feel about repairing/rebuilding the wall if it means losing the beach.

Commissioner Sena stated that if this is Vine's recommendation as our consultant, we should go forward with their plan.

Eric Hutchins stated it may be more than \$8,000 but it wouldn't be \$100,000. He continued that what he's talking about is at the planning level, not the technical level.

Chairman Gardner stated that we need to know what the potential for beach erosion is at Long Beach over the next 100 years. We don't want to build a wall that could contribute to beach erosion.

Eric Hutchins stated that his process is valuable, an RFP on the planning level for a consultant on coastal processes, infrastructure; a report should be done on evaluating the pros and cons for three levels and hit all the issues that could come up. Not at the detail level; this could be done quickly and inexpensively.

Commissioner Reed recommends having an RFP go out and invite some consultants to a meeting.

Commissioner Sena stated that though we have Vine on contract, it's worth putting an RFP out there.

Chairman Gardner questioned if the remaining \$8,000 should be used for another consultant.

Director Parisi recommending shutting down everything that's been done and sub out the new RFP to look at a broader study of this area to see if it's even viable to maintain this property for the next 100 years.

Commissioner Sena inquired if between now and FY 15 and FY 16 if we have a wall failure, where would the town be. Could we get emergency funding at that time.

Chairman Gardner said in an emergency situation we could bring sand in temporarily to replenish the beach. He stated that he wouldn't recommend moving forward with the existing plan until we have more information.

Commissioner Sena stated that he would like to see the RFP fast-tracked.

Chairman Gardner recommended getting Rosen or someone like him up here. He continued that we should take Eric's suggestions to the viability of the area given possible different scenarios of sea level change.

Eric Hutchins, Applecart Road, stated that an interim suggestion would be to have Rebecca Hainey, state Coastal Geologist, provide a technical review; this is her job. Maybe Rebecca should come and provide recommendations. She's a state employee, we could request technical assistance.

#### Ongoing Business:

Water Needs Assessment – Draft RFP: Tim Olson briefed the group on the document: Chairman Gardner recommended that everyone review this document and bring edits back at next meeting. What do we want to do for potential water resources, what does that profile look like, and what does the profile for demand look like over time. What are all the potential sources for water, and what is our expected demand.

Director Parisi stated that the town is at the lower end of where we should be now. We haven't had a lot of snow or a lot of rain. What are we willing to spend to store water now in the event that we need it later, given that it may not be needed for ten years, or it may never be needed. We should look at pressure and what's going on with the population and usage.

Bob Burbank stated that this started back in the 50's. The population has doubled; the town couldn't have made it without Carlson's Quarry. This has all been documented. Not only supplying water for the average year, but we didn't have sufficient water for a two year drought. The only reason not to do it is money. Documents from 1999 should be reviewed; it might be helpful around dam construction.

Chairman Gardner said we would need to be concerned about the water rates if the town is maintaining all this water. He continued that the immediate concern is getting the RFP for the water needs assessment ready. We want to make sure the justification is still here to build a dam. Let's take a fresh look, and get this done fairly quickly. If it still looks necessary, then we can move forward with it.

Eric Hutchins, Applecart Road stated that the key to this assessment is to help the Commissioners make a decision, the dam, the deep rock well; he questioned if it is the game changer. What needs to be evaluated are changes in rainfall, changes in population projections, update the projections, what was predicted and what actually happened. Changes in leakage rates, assess all new information, dam vs. well, pros and cons, future and current conservation, demand per person changes and project it out.

**Sewer Use Regulations:** Director Parisi said they're still working with Kopelman & Paige on this; this will be on a subsequent agenda.

**FY14 Capital Requests:** Director Parisi stated that he attended the last Board of Selectmen meeting, the intent was to propose different funding scenarios so there is less impact on the water and sewer rates. Deferred some of the larger projects and restructured the use of free cash for some of the smaller projects.

**Water & Sewer rate projections:**

The plan would increase the water rates from \$9.50 to \$9.94.

The plan would increase the sewer rates from 13.10 to 13.91, if all of the free cash is appropriated the rate would increase from \$13.10 to \$13.59.

Chairman Gardner stated that probably 2/3 of the GIS position would be paid from the water and sewer fund; all of it wouldn't come from the general fund.

**8:55 PM Other Issues of Discussion**

Commissioner Reed questioned the shared employee's cost - who is in there and what percentage. J. Parisi stated that it is the estimates of time associated with the Accountant, Assessors, and Treasurer's office. Insurance costs are in here as well.

Job description for new GIS Manager position. Chairman Gardner stated that the position was taken to the Personnel Board; they indicated that the Selectmen would have to approve the new position.

**Next Meetings 2/13/13 for public hearing on transfer station and sticker fees in the Library Brenner Friends' Room**

9:30 pm, Commissioner Sena moved to adjourn, Commissioner Reed seconded, Vote: 3-0.

**Tickler List:**

February, 2013	sewer capacity assessment
February, 2013	Long Beach Seawall
February, 2013	Public Hearing on Transfer Station & Sticker fees
April, 2013	list of roads to be repaired
May, 2013	water & sewer rates
August, 2013	review of the operational budget
September, 2013	review of the Capital Budget